

WEEKLY CROP-WEATHER

MN and U.S. Depts. of Agriculture  
PO Box 7068, St. Paul, MN 55107  
Phone: (651) 296-2230  
E-mail: [nass-mn@nass.usda.gov](mailto:nass-mn@nass.usda.gov)  
Homepage: <http://www.nass.usda.gov/mn/>

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE  
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

WARM TEMPERATURES AND SUNSHINE HELPED CROPS

Temperatures rose starting Wednesday, June 7, but the high temperatures were met with mixed feelings, according to the Minnesota Agricultural Statistics Service. Generally, crop conditions improved with the sunshine and humidity, especially row crops. Timely rains are now needed to ensure that soil moisture does not get too short. The upper northwest area of the state continues to have very dry topsoil conditions; while the south central portions continue to have surplus topsoil moisture.

Corn height averages 10 inches, an inch taller than this time last year. The 5-year average is 8 inches. Corn condition was rated as 72% good to excellent, improving from the previous week's rating of 70% good to excellent.

Soybean emergence has reached 97%, compared to 79% last year and the 5-year average of 76%. Soybean height is 4 inches, versus 2 inches for last year and the 5-year average. Soybean condition was rated as 71% good to excellent, improving from the 67% rated good to excellent the previous week.

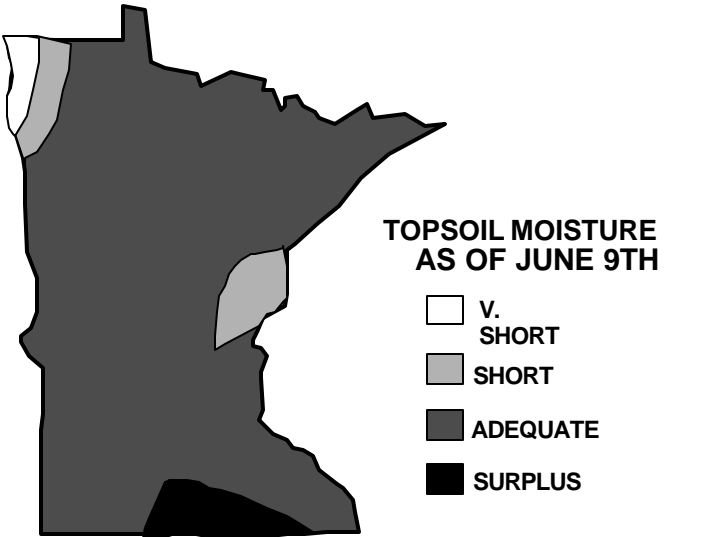
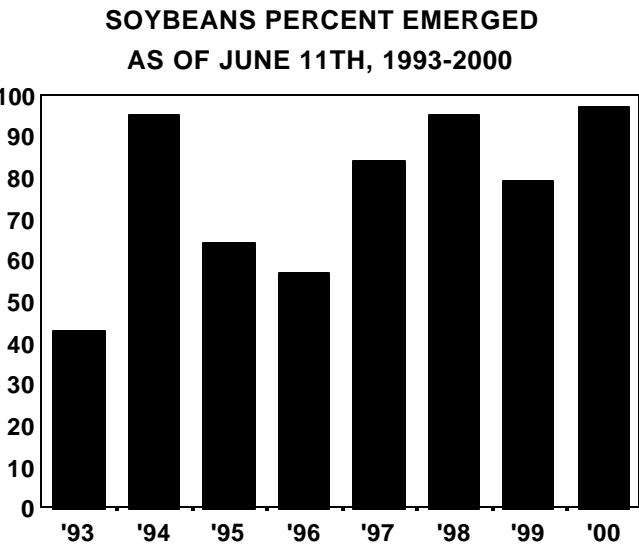
Spring wheat continues to develop early this year. Spring wheat jointing has reached 60%, compared with 28% last year and the 5-year average of 27%. Spring wheat is heading on 5% of the acres, compared to 1% for both last year and the 5-year average. Conditions were rated as 72% good to excellent.

First cutting of alfalfa is 77% complete, compared to 66% last year and the 5-year average of 44%. Due to the rains early in the month, many producers were forced to put up wet hay or wait until after prime harvesting conditions to get out into the field.

Days Suitable for Fieldwork: 4.9					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		3	11	76	10
Crop Progress as of June 11, 2000					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Cultivated	25	19	13	33
	Height-inches	8	9	NA	10
Soybeans	Emerged	76	79	92	97
	Cultivated	8	5	4	12
Spring Wheat	Height-inches	2	2	NA	4
	Jointed	27	28	29	60
Barley	Heading	1	1	NA	5
	Jointed	24	25	29	57
Oats	Heading	1	1	NA	7
	Jointed	41	47	46	63
Sweet Corn	Heading	3	2	0	12
	Planted	83	87	83	91
Dry Beans	Planted	82	81	95	99
Alfalfa Hay	First Cutting	44	66	45	77
Crop Condition as of June 9th in%					
	V.Poor	Poor	Fair	Good	Exc.
Pasture	0	5	26	57	12
Barley	2	3	25	47	23
Spring Wheat	2	3	23	44	28
Oats	1	2	20	59	18
Corn	1	3	24	58	14
Soybeans	0	4	25	60	11

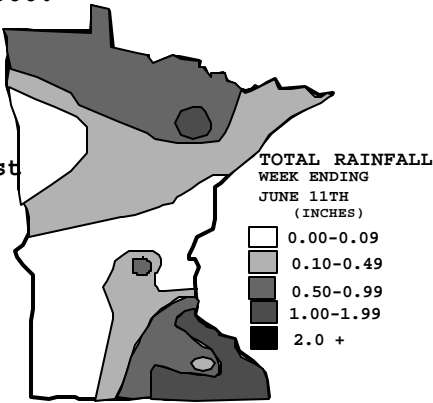
District Progress as of June 9th in%								
CROP	NW	NC	WC	CENT	EC	SW	SC	SE
Corn Height-	5	5	8	9	6	10	11	8

Topsoil moisture conditions across the state were rated 3% very short, 11% short, 76% adequate, and 10% surplus as of Friday.



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING JUNE 11,2000:

Temperatures averaged from 2.2 degrees below normal in the Northeast District to 4.0 degrees above normal in the West Central District. Extremes: 32° in Hibbing, Duluth, Aitkin; 101° in Redwood Falls, Lamberton. Precipitation averaged from 0.93 inch below normal in the East Central District to normal in the Southeast and South Central Districts. Greatest weekly total was 1.56 inches.



Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum to 50 degrees.

Precipitation and Temperature Summary for 06/05/2000 through 06/11/2000

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since Apr 28	Depart from Norm
<u>NW DIST 1</u>										
Crookston	96	44	66.8	3.9	.03	-.78	-2.06	-2.95	471	32
Moorhead	91	43	67.0	3.4	0	-.65	.06	-.61	492	20
Warroad	83	43	60.5	.4	.63	-.19	-.99	-1.13	368	14
<u>NC DIST 2</u>										
Grand Rapids	87	34	62.7	2.4	.21	-.73	-1.94	-.30	463	88
Intl. Falls	77	33	58.8	-.7	.96	.07	-.83	.34	371	12
Itasca	91	39	62.4	1.9	.05	-.95	-1.28	-1.96	429	57
<u>NE DIST 3</u>										
Duluth	88	32	55.6	-2.2	.01	-.87	-2.00	-2.13	335	35
Grand Marais	69	40	48.4	-3.9	.29	-.52	-1.82	-2.34	124	-77
Hibbing	83	32	58.0	-.5	1.14	.27	-.79	.12	394	65
<u>WC DIST 4</u>										
Alexandria	94	39	67.2	3.3	.01	-.97	-1.35	-1.44	467	-6
Browns Valley	97	40	68.0	3.3	0	-.85	-2.04	-2.35	508	25
Canby	100	39	69.0	2.5	.07	-.75	.56	1.96	579	43
Fergus Falls	94	47	69.0	5.6	.13	-.72	-.56	.19	520	64
Montevideo	100	40	70.2	4.4	.05	-.88	2.19	1.40	567	40
Morris	97	39	68.8	4.7	.29	-.57	-.62	-.39	547	74
<u>CENT DIST 5</u>										
Becker	94	37	66.4	3.3	.75	-.31	-.85	-2.69	562	106
Hutchinson	96	39	70.6	5.0	.47	-.55	.81	-.04	638	117
Olivia	100	39	69.3	2.7	.03	-.87	2.56	.96	573	32
St. Cloud	94	36	66.0	3.1	.04	-1.06	-1.60	-2.44	515	63
Staples	93	36	64.3	2.4	.18	-.83	-.97	-1.05	464	47
Willmar	98	40	68.2	2.9	.09	-1.08	-.44	-1.49	540	31
<u>EC DIST 6</u>										
Aitkin	91	32	62.7	1.5	.12	-.81	-.96	.64	452	58
Cambridge	89	39	64.5	.6	0	-1.03	-.70	-.79	476	-4
MSP Airport	94	40	69.7	3.5	0	-.96	1.54	.10	581	40
St. Paul - UofM	M	M	M	M	M	M	.67m	-1.00m	488m	-104m
<u>SW DIST 7</u>										
Lamberton	101	42	69.4	2.8	.07	-.71	2.68	1.34	580	39
Pipestone	99	37	67.8	3.3	.10	-.80	2.39	4.49	554	65
Redwood Falls	101	45	73.5	5.9	0	-.76	2.20	1.31	609	23
Worthington	98	40	67.4	2.1	.02	-.96	2.49	1.31	564	64
<u>SC DIST 8</u>										
Faribault	96	42	68.0	2.7	.92	.11	4.68	2.61	561	56
Waseca	99	45	69.5	4.1	.67	-.28	5.98	3.58	600	86
Winnebago	97	44	70.0	4.2	1.19	.18	6.36	4.28	615	89
<u>SE DIST 9</u>										
Preston	91	46	68.8	4.7	1.44	.45	8.49	6.13	587	119
Red Wing	92	44	66.7	3.6	1.56	.55	2.56	.18	551	114
Rochester	91	46	68.8	4.1	.02	-.82	9.51	7.00	544	59
Rosemount	94	41	67.6	1.6	1.18	.17	.61	-.43	597	62
Winona	92	45	68.2	2.7	1.35	.50	3.85	2.60	637	118

m=some data missing

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